

Jacob Y Koffler

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

1,321
citations

840776

11
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

2332
citing authors

#	ARTICLE	IF	CITATIONS
1	The future of biomimetic 3D printing. <i>Journal of 3D Printing in Medicine</i> , 2019, 3, 63-65.	2.0	2
2	Biomimetic 3D-printed scaffolds for spinal cord injury repair. <i>Nature Medicine</i> , 2019, 25, 263-269.	30.7	460
3	Hierarchically Ordered Porous and High-Volume Polycaprolactone Microchannel Scaffolds Enhanced Axon Growth in Transected Spinal Cords. <i>Tissue Engineering - Part A</i> , 2017, 23, 415-425.	3.1	36
4	Peripheral nerve growth within a hydrogel microchannel scaffold supported by a kink-resistant conduit. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 3392-3399.	4.0	33
5	Characterizing the degradation of alginate hydrogel for use in multilumen scaffolds for spinal cord repair. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 611-619.	4.0	52
6	Bone Marrow Stromal Cell Intraspidal Transplants Fail to Improve Motor Outcomes in a Severe Model of Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2016, 33, 1103-1114.	3.4	23
7	Brain derived neurotrophic factor release from layer-by-layer coated agarose nerve guidance scaffolds. <i>Acta Biomaterialia</i> , 2015, 18, 128-131.	8.3	23
8	An engineered muscle flap for reconstruction of large soft tissue defects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 6010-6015.	7.1	133
9	Using Templated Agarose Scaffolds to Promote Axon Regeneration Through Sites of Spinal Cord Injury. <i>Methods in Molecular Biology</i> , 2014, 1162, 157-165.	0.9	12
10	Engineered Vascular Beds Provide Key Signals to Pancreatic Hormone-Producing Cells. <i>PLoS ONE</i> , 2012, 7, e40741.	2.5	57
11	Engineering vessel-like networks within multicellular fibrin-based constructs. <i>Biomaterials</i> , 2011, 32, 7856-7869.	11.4	177
12	Improved vascular organization enhances functional integration of engineered skeletal muscle grafts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 14789-14794.	7.1	177
13	Paclitaxel-clusters coated with hyaluronan as selective tumor-targeted nanovectors. <i>Biomaterials</i> , 2010, 31, 7106-7114.	11.4	136